M. A. R. 57 (Rule 116) No. E 559338

Measurement Book

Serial No. ..... 1st & Final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work..... 28/07/2023

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements to Roads & Drains at Chikkavenkatappa layout, Deshbandunagar and surrounding area in ward No:- 13 (Doddabommasandra)						
	Estimated Cost:- 55.00 lakhs (fifty five lakhs only)						
	Head of Account:- P-3726 Zonal public Work; P.O.W works						
	Job Code:- 013-23-0000012						
	Name of Agency:- Sri Subba Reddy K.V. No:- 106/08, Aswathanagar, RMV 2nd stage, Bangalore - 560094.						
	Work order No:- B.MP/EE/B.T.P/WO/160/2022-23; dated:- 13-03-2023.						

— P.T.O —

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-01-	Item No:- 01 ⇒ Demolishing Cement concrete manually by mechanical means including disposal of materials to the appropriate disposal Area as per direction of Engineer-in-charge					Qty:- 0.00 @ Rs 1364.12/- Cum = 0.00 Cum (Not Executed)	
-02-	Item No-02 ⇒ Providing laying & spreading available soil in the Embankment on a Prepared Surface, Pulverising, mixing the spreaded soil in place with soil Stabilizer as per Agreed Description of work by extents etc					Qty:- 225.29 @ Rs 722.75/- Cum = 162828.00/- Cum	

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

Date	Full descrip
1	
-03-	Item-03 ⇒
-04-	Providing & lay
	upto 125%.
	(1) ie. 60
	Above (2) 7.74
	125%.

M. A. R. 57 (Rule 116) No. E

Measurement Book

559339

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
-03-	Item-03 ⇒ Earth work Excavation by manual means for drains, etc as per Estimated specification & etc						
				Qty:- 458.13 Cum @ 199.16 /- Cum			
				= 91241.00 /- Cum			
-04-	Providing & laying in position plain Cement Concrete 1:3:6 (M10) as per specification, Estimate & etc						
	upto 125%.						
	(1) ie. 60.00 @ 5946.89/- Cum = 356813/-			Qty:- 67.74 @ Rs 5946.89/- Cum			
	Above (2) 125%. 7.74 @ 5946.89/- Cum = 46029/-			= 402842/- Cum			

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-05-	Item No- 05 ⇒ Providing & laying in M20 as per Estimate	Reinforced Cement Concrete discription etc				for all Sub structure & etc &c	
		Qty:			85.12	@ Rs 6709.69/- Cum	
		=			571129.00/- Cum		
-06-	Item-06 ⇒ Steels fitty & T.M.T Bar	Reinforcent in Sub structure as per specifiations etc					
		Qty:			6.38	@ Rs 98690.11/- Ton	
		=			629643/- Ton		
-07-	Item-07 ⇒ Pre Cast Covery Slab &	1:2:4 with 10 Cm thichness.					
		Qty:			303.22	@ 2016.88/- Sqm	
		=			611568/- Sqm		

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of work .....
Name of Contractor of natur
Date of commencement of w

Date	Full description,
1	2
-08-	Item- 08 ⇒
-09-	Item-09

AE-12

M. A. R. 57 (Rule 116) No. E 559340

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Dimensions Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
-08-	Iteam-08 ⇒ Construction of Dry Lean Cement Concrete Sub-base over a Prepared Sub-grade (Compaction of 8-10t Vibratory roller) etc.					Qty:- 75.10 @ 4309.73/- Cum = 323661/- Cum	
-09-	Iteam-09 Supply M30 Grade for site work as per latest specifications etc					Qty:- 75.10 @ 6972.66/- Cum = 523529/- Cum 523614	

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-10-	Loady & Unloady of Stone Boulder/ etc					Qty:- 458.13 @ 79.23/- Cum	
						= 36298/- Cum	
-11-	Cost of Haulage Excludy loady & unloady in km					Qty:- 586.40 @ 112.43/- T.km	
						= 65929/- T.km	
-12-	Geophysical Investigation in Borewells ie [yield test]					Qty:- 1 No @ 5004.25/-	
						= 5004.25/-	

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116) No. E 553341

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
-13-	Sinky of Borewell of 165mm dia Clear using super fast hydraulic rig & etc aspel Estimate specification etc Complete ie, Doddabommasandra R.R-school Road near [K.K Compound]	0 to 50M	Qty:- 50.00 = 14115/- Mts			@ 282.29/- Mts	
-14-	— Same Specification — 50 to 100 M		Qty :- 50.00 = 17716/- Mts			@ 354.32/- Mts	
-15-	— Same specificati — 100 to 150M		Qty = 50.00 = 18836/- mts			@ 376.71/- Mts	

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-16-	Same Specification	150 to 200 mm				Qty:- 50.00 @ 437.00/- Mtr = 21850/- Mtr	
-17-	Same Specification	200 to 250 mm				Qty:- 50.00 @ 512.00/- Mtr = 25649/- Mtr	
-18-	Same Specification	250 to 300 mm				Qty:- 50.00 @ 543.16/- mtr = 27158/- mtr	
-19-	Same Specification	300 to 350 mm				→ Not Executed ←	
Nominal bore, Plain & Steel Casing pipe grade Steel of Fe 410 Including Collar as per specification						Qty:- 60.00 @ 1884.58/- mtr = 112895/- mtr	

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

Date	Full descrip
1	2
-21-	Providing 25
-22-	Providing &
-23-	Providing Six

A1

M. A. R. 57 (Rule 116) No. E 559342
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-21-	Providing 250mm dia P.V.C Pipe		Qty:-	18.00 @ 1070.74/- Mtr			
			=	19273/- mtr			
-22-	Providing & fixing Borewell Cap & Clamp set		Qty:-	1 No @ 1752.12/-			
			=	1752/-			
-23-	Providing supplying to work site, Sub mersible Pump set with Low volt Motor as per specification						
			Qty:-	1 No @ 61808.95/- per No			
			=	61809/-			

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-24-	Providing laying & fixing G.I pipes 50 MM dia as per specification Qty:- 250.00 @ 466.26/- per mtr = 116565/- mtr						
-25-	Providing wrought mild steel 50 MM dia G.I Collar Qty:- 42 No @ 213.17/- per No = 8953/- No						
-26-	Supply & delivery at site of brand new best make non-return valve Qty:- 1 No @ 1241.00/- per No = 1241/-						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date	Full descript
1	2
-27-	Supply &
	HP Centrifu
-28-	Submersi

M. A. R. 57 (Rule 116) No. E 559343

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
-27-	Supply & delivery at site brand new best make Starter/Control panel with HP Centrifugal pump [10 to 20 HP] Etc				Qty:- 1 No @ 34535.23/- per No = 34536/-		
-28-	Submersible Cable 1X3X6.0 Sq.mm				Qty:- 580 Mts @ 140.17/- per Mts = 78495/- Mts		

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-29-	Labour Charges for Erection of New/repaired Submersible Pump set with GI pipes (32MM/50MM) & etc as per specification						
			Qty- 42 @ 146.98/- per Job				
			= 6173/-				
-30-	Supplying & fixing 20"x20"x2.5" Polished wood Board made of not less than 15MM thickness etc as per specification						
			Qty: 01 @ 284.23/- per Each				
			= 284/-				

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor o
Date of commenceme

Date	Full descr
1	
-31-	Providing
-32-	Digging of
	Grand Tota

AE

M. A. R. 57 (Rule 116) No. E 559344
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-31-	Providing supplying & laying Suitable for 1.1 kV class UG cable as per specifications & Etc Qty:- 30.00 @ 501.30/- per mtr = 15039/- mtr						
-32-	Digging of trench of 0.60 M deep x 0.50 mtr wide refilling the trench to the required Ground level etc Qty:- 30.00 @ 73.98/- per mtr = 2219/- mtr						

9-E-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-33-	Supplying & fixing of Class 'A' G.I pipes of wall thickness with U.G cable of 1.1 KV & Etc Qty:- 4.00 @ 326.09/- per mtr = 1304/- mtr						
-34-	Supplying & fixing L.T Cast Iron pot head suitable for 1.1 KV cable with specifications & etc. Qty:- 1.00 No @ 262.82/- = 263/-						
-35-	Earthing supplying & fixing & wiring Earth Electrode with suitable specifiation & Etc Qty:- 1.00 @ 3650.25/- per Job = 3650/-						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
-36-	Supplying & wooden/steel
-37-	Supplying &

AE-13

M. A. R. 57 (Rule 116) **No. E** 559345

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
36	Supplying & fixing of Porcelain fuse Channel with cut out on existing wooden/panel & secured with, bolts, washers etc Qty:- 06 @ 169.33/- Per No = 1016/-						
37	Supplying & fixing miniature circuit Breakers on existing MCB Boards etc Qty:- 1 No @ 1669.38/- = 1669/-						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-38-	Fabricating Supplying & mounting MS Box made out SWG Suitable for floor &c etc						
		Qty:-	23400.00	@	0.34/-	per Sq Cm	
			= 7956/-	Sq. Cm			
-39-	Earth work Excavation for Pipeline Trenches (depth upto 1.50m)						
		Qty:-	24.30	@	207.72/-	per Cum	
			= 5048/-	Cum			
-40-	Dismantling of Cement Pavements By Mechanical means only Pneumatic tools etc						
		Qty:-	6.75	@	451.85/-	per Cum	
		=	3050/-	Cum			

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemer

Date	Full descrip
1	
-41-	Boriding
-42-	Refilling

AE-13

M. A. R. 57 (Rule 116) No. E 559346

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-41-	Boreding & installing at Site of work P.V.C pipes & Etc						
	Qty:- 150.00 @ 204.41/- Per Mtr						
	= 30662/- Mtr						
-42-	Refilling available Earth around trenches etc:						
	Qty:- 24.30 @ 100.26/- Per Cum						
	= 2436/- Cum						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-43-	Supply & delivery at site of Brand new best make gate valve as per specification & Etc						
			Qty:- 05 @ 1508.77/- Per Each				
			= 7544/-				
	Extra Item Rate limit [EIRL]						
-E-1-	Removing & resetting of footpath slab Approved [Current rate]						
			Qty:- 71.25 @ 228.75/- Per Cum				
			= 16298/- Cum				

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor o
Date of commenceme

Date	Full descr
1	
-E-2-	Providing mortar 1:6
-E-3-	Providing

AE-

M. A. R. 57 (Rule 116) No. E 559347
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-2	Providing Sirje Stone Masonry with hard stone in foundation & plinth with Cemat mortar 1:6						
		Qty:-	17.10 @ 5805.55/- per cum				
		=	99275/- cum				
E-3	Providing P.C.C Mix 1:3:6	(M10)					
		Qty:-	30.74 @ 6133.20/- per cum				
		=	188535/- cum				

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-E-4-	Providing & Constructing load bearing wall with solid Concrete Blocks of (400x150x200 mm) with all specifiation as per Estimate & etc						
	Qty:-		54.60			@ 1142.48/- per Sqm	
	=		62379/- Sqm				
-E-5-	Providing & Fixing RCC cast Coverg Slab 230 MM thickness my CC(1:2:4)						
	Qty:-		for Culvert				
	=		6.60			@ 4903.02/- per Sqm	
	=		32360/- Sqm				

AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

Date	Full descrip
1	
-E-6-	R.C.C
	for
-E-7-	Stone

AE-13

M. A. R. 57 (Rule 116) No. E 559348

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-6	R.C.C NP 4 1200 mm dia for Pipe.	Qty:-	6.60 @ 9300.84/- = 61386/-			Per Mtr	
E-7	Stone Aggregate (Single sye)	40MM					
		Qty: 2.26 @ 1190.48/- = 2690/-				Cum	

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sub Total :- for all Items & EIRL = 4535841.00/-						
	Add G.S.T @ 18% = 816451.00/-						
	BESCOM Deposit Bill = 1630+1187+8430 = 14178.00/-						
	Grand total = 5366470.00/-						
	ie, fifty three lakhs, sixty six thousand & four hundred & seventy Rupees only						
	Certificate:-						
	1. Certificated that the above work done satisfactorily & no materials issued from departmentally						

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

R.V. Sasikala Reddy
AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemer

Date	Full descri
1	

M. A. R. 57 (Rule 116) No. E 559349

Measurement Book

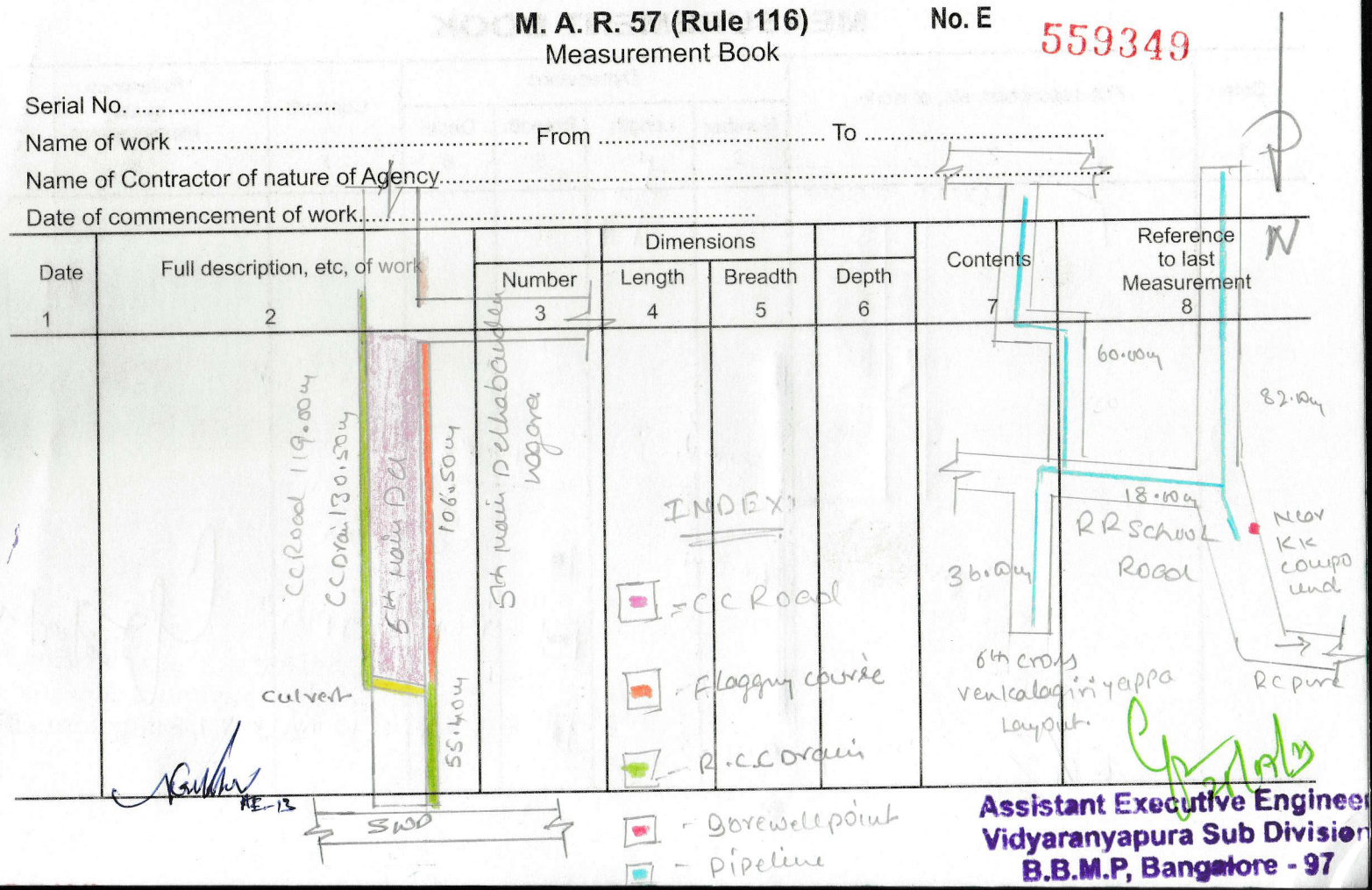
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8



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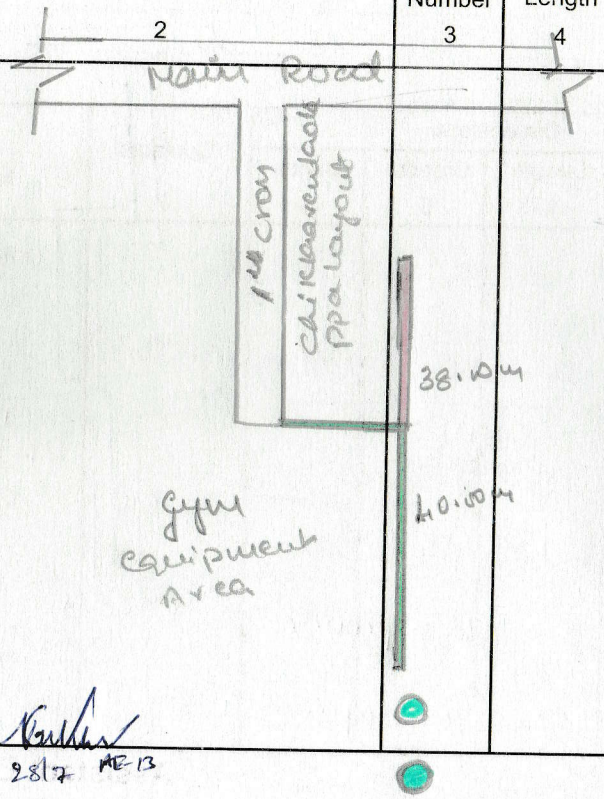
Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



INDEX:

- R.C.C Drain
- Recharging pits
- SSW wall with

28/7 AE-13

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full desc
1	

First

M. A. R. 57 (Rule 116) No. E 559350

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	First & Final Bill P.3726					RA - 5366490=00	
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 5366490=00 ರಲ್ಲಿ						
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 221120 ಪಾವತಿ ಮಾಡಿದೆ.						
	ಇದರಲ್ಲಿ ರೂ. 5145370 ಚೆಕ್ಕನ್ನು ಕೊಂದಾಣಿಕೆ						
	ಮಾಡಿಕೊಂಡು ರೂ. ಬಂದಿದೆ						
	FT/REFT/RTGS ಮುಖಾಂತರ ನಿಂದಲಾಗಿದೆ						
	ವಿಷಯ ನಿರ್ವಾಹಕರು	ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು ವ್ಯವಹಾರಾಯನಮಠದ ವಿಭಾಗ ಬೃಹತ್ ಬೆಂಗಳೂರು					
		ವ್ಯವಹಾರಾಯನಮಠದ ವಿಭಾಗ ಬೃಹತ್ ಬೆಂಗಳೂರು					
			DT -		45359=00		
			GST -		45359=00		
			SGST -		45359=00		
			LC -		45359=00		
			CBE -		4536=00		
			LR -		35148=00		
			TD -		221120=00		
			GA:		5145370=00		

tive Engineer
Sub Division
galore - 97